This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claims 1-11 (cancelled)

12 (new): An electronic device for performing at least one function, said electronic device being configured for connection to a main unit, said electronic device comprising:

a register having a region for storing a current consumption value indicating a requested current to be drawn by said electronic device during execution of the at least one function, and

an interface for outputting the current consumption value from said register for delivery to the main unit and for receiving a driving current from the main unit when the current consumption value does not exceed a maximum driving current for the main unit.

13 (new): An electronic device according to Claim 12, wherein said register includes a further region for storing permission information received from the main unit, the permission information indicating whether said electronic device is allowed to receive the driving current based on whether the current consumption value does not exceed the maximum driving current.

14 (new): An electronic device according to Claim 13, wherein said register includes a still further region for storing function enablement information indicating whether the at least one function is enabled or disabled, the function enablement information being set based on the permission information.

15 (new): An electronic device according to Claim 14, wherein said interface outputs the function enablement information from said register for delivery to the main unit.

16 (new): An electronic device according to Claim 12, wherein said interface includes a plurality of contacts for establishing a connection with the main unit, one of said plurality of contacts being used only when the at least one function is executed, said one contact being maintained at a high impedance until the at least one function is enabled.

17 (new): An electronic device according to Claim 12, further comprising a memory for storing a version number, wherein said interface outputs the version number from said memory for delivery to the main unit when said electronic device is connected to the main unit and receives the current consumption value from the main unit.

18 (new): A unit configured for connection to an electronic device, said unit comprising:

a first reader for reading a current consumption value from a register in the electronic device, the current consumption value indicating a requested current to be drawn by the electronic device during execution of at least one function of the electronic device; and

a supply unit for supplying a driving current to the electronic device when the current consumption value does not exceed a maximum driving current value.

19 (new): A unit according to Claim 18, further comprising a writing unit for writing permission information in the register of the electronic device, the permission information indicating whether the driving current is allowed to be supplied to the electronic device based on whether the current consumption value does not exceed the maximum driving current.

20 (new): A unit according to Claim 18, further comprising a second reader for reading enablement information from the register of the electronic device, the enablement information

indicating whether the at least one function is enabled or disabled.

21 (new): A unit according to Claim 18, further comprising a writing unit for writing the current consumption value in the register of the electronic device based on a version number received from the electronic device when the electronic device is connected.

22 (new): A system, comprising:

a main unit; and

an electronic device for performing at least one function, said electronic device being configured for connection to said main unit, said electronic device including:

a register having a region for storing a current consumption value indicating a requested current to be drawn by said electronic device during execution of the at least one function, and

an interface for outputting the current consumption value from said register for delivery to said main unit;

said main unit including:

a first reader for reading the current consumption value from said register, and

a supply unit for supplying a driving current to said electronic device when the current consumption value does not exceed a maximum driving current value for said main unit.

23 (new): A system according to Claim 22, wherein

said main unit includes a writing unit for writing permission information in said register, the permission information indicating whether the driving current is allowed to be supplied to said electronic device based on whether the current consumption value does not exceed the maximum driving current; and

said register includes a further region for storing the permission information.

24 (new): A system according to Claim 23, wherein

said register includes a still further region for storing enablement information indicative of whether the at least one function is enabled or disabled, the enablement information being set based on the permission information; and

said main unit includes a second reader for reading the enablement information from said still further region of said register.

25(new): A system according to Claim 22, wherein

said electronic device includes a memory for storing a version number, said interface outputs the version number from said memory for delivery to said main unit when said electronic device is connected to said main unit; and

said main unit includes a writing unit for writing the current consumption value in said region of said register of said electronic device based on the version number.